

WHAT IS CLAIMED IS:

## 1. A recorder comprising:

judgement means for receiving first digital data, and judging whether the first digital data is recordable, or whether the first digital data is reproducible after recording;

format conversion means for receiving a first analog signal obtained by decoding the first digital data, and format-converting the first analog signal into a second analog signal when the judgement means judges that the first digital data is unrecordable or unreproducible after recording;

coding means for receiving the first or second analog signal, and coding the first or second analog signal to second or third digital data when the judgement means judges that the first digital data is unrecordable;

switching means for receiving the second or third digital data as well as the first digital data, and outputting the first digital data when the judgement means judges that the first digital data is recordable or reproducible after recording, while outputting the second or third digital data when the judgement means judges that the first digital data is unrecordable or unreproducible after recording; and

data recording means for recording the digital data outputted from the switching means on a recording medium.

## 2. The recorder of Claim 1, comprising:

said judgement means receiving the first digital data, and judging whether each of plural kinds of data included in the first digital data is recordable or reproducible after recording;

said format conversion means receiving the first analog signal obtained by decoding the first digital data, and performing format conversion from the first analog signal into the second analog signal, with respect to the data that is judged as being unrecordable or unreproducible after recording by the judgement means;

said coding means receiving the first or second analog signal, and coding the first or second analog signal to the second or third digital data, with respect to the data that is judged as being unrecordable or unreproducible after recording by the judgement means;

data extraction means for receiving the first digital data, and extracting, as fourth digital data, the data that is judged as being recordable or reproducible after recording by the judgement means;

multiplexing means for multiplexing the second or third digital data with the fourth digital data to generate fifth digital data; and

said recording means recording the fifth digital data on the recording medium.

3. A recorder comprising:

judgement means for receiving first digital data, and judging whether the first digital data is recordable;

data conversion means for converting the first digital data into recordable second digital data when the judgement means judges that the first digital data is unrecordable;

switching means for receiving the first and second digital data, and outputting the first digital data when the judgement means judges that the first digital data is recordable, while outputting the second digital data when the judgement means judges that the first digital data is unrecordable; and

data recording means for recording the digital data outputted from the switching means on a recording medium.

4. The recorder of Claim 3, wherein said judgement means judges that the first digital data is unrecordable when the bit rate of the first digital data is higher than a predetermined bit rate.

5. A recorder comprising:

judgement means for receiving first digital data, and judging whether the first digital data is reproducible after recording;

data conversion means for converting the first digital data into second digital data that is reproducible after recording, when the judgement means judges that the first digital data is unreproducible after recording;

switching means for receiving the first and second digital

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data, and outputting the first digital data when the judgement means judges that the first digital data is reproducible, while outputting the second digital data when the judgement means judges that the first digital data is unreproducible; and

data recording means for recording the digital data outputted from the switching means on a recording medium.

6. The recorder of Claim 5, wherein said judgement means judges that the first digital data is unreproducible after recording, when a coding method used for the first digital data is a method that does not permit decoding by the recorder.

7. A transmitter comprising:

system control means for making an inquiry about whether digital data to be output is recordable by a recorder to which the digital data is transmitted, or whether the digital data is reproducible after recording;

data transmission means for outputting the digital data when it is judged that the digital data is recordable or reproducible after recording by the recorder, on the basis of the result of the inquiry from the system control means;

decoding means for decoding the digital data into a first analog signal, when it is judged that the digital data is unrecordable or unreproducible after recording by the recorder, on the basis of the result of the inquiry from the system control

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means; and

format conversion means for converting the first analog signal into a second analog signal of a data format that is recordable by the recorder or reproducible after recording;

wherein, said decoding means outputs the first analog signal or said format conversion means outputs the second analog signal, when it is judged that the digital data is unrecordable or unreproducible after recording by the recorder, on the basis of the result of the inquiry from the system control means.

8. A transmitter comprising:

system control means for making an inquiry about a recordable data format, to a recorder to which first digital data is to be output;

data conversion means for converting the first digital data into second digital data of a recordable data format, when it is judged that the digital data is unrecordable by the recorder, on the basis of the result of the inquiry from the system control means; and

data transmission means for receiving the first and second digital data, and outputting the first digital data when it is judged that the first digital data is recordable by the recorder on the basis of the result of the inquiry from the system control means, while outputting the second digital data when it is judged that the digital data is unrecordable by the recorder on the

basis of the result of the inquiry.

9. The transmitter of Claim 8, wherein the inquiry from the system control means relates to the bit rate of the digital data, or the format of video data of the digital data.

10. A transmitter comprising:

system control means for making an inquiry about a data format that is reproducible after recording, to a recorder to which first digital data is to be output;

data conversion means for converting the first digital data into second digital data of a data format that is reproducible after recording by the recorder, when it is judged that the digital data is unreproducible after recording, on the basis of the result of the inquiry from the system control means; and

data transmission means for receiving the first and second digital data, and outputting the first digital data when it is judged that the first digital data is reproducible after recording by the recorder on the basis of the result of the inquiry from the system control means, while outputting the second digital data when it is judged that the digital data is unreproducible after recording by the recorder on the basis of the result of the inquiry.

11. The transmitter of Claim 10, wherein the inquiry from the

system control means relates to the bit rate of the digital data, or the format of video data of the digital data.

12. A recorder comprising:

data inspection means for receiving digital data, and judging whether the digital data is recordable; and

data recording means for recording the digital data on a recording medium when the data inspection means judges that the digital data is recordable, and stopping recording of the digital data on the recording medium when the data inspection means judges that the digital data is unrecordable.

13. A recorder comprising:

demodulation means for demodulating digital-modulated stream data to first digital data;

judgement means for receiving the first digital data, and judging whether the first digital data is recordable;

data conversion means for converting the digital data into second digital data of a recordable data format, when the judgement means judges that the first digital data is unrecordable;

switching means for receiving the first and second digital data, and outputting the first digital data when the judgement means judges that the first digital data is unrecordable, while outputting the second digital data when the judgement means

judges that the digital data is unrecordable; and

data recording means for recording the digital data outputted from the switching means, on a recording medium.

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